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7590

02/04/2005

Hae-Chan Park  
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 1750 Tysons Boulevard  
 Suite 1800  
 McLean, VA 22102-4215



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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/676,667	10/01/2003	Soo-Guy Rho	9649-479CTDVCT2	8980

TITLE OF INVENTION: LIQUID CRYSTAL DISPLAYS AND LIQUID CRYSTAL DISPLAY SUBSTRATES USING AN ORGANIC INSULATING MATERIAL

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	05/05/2005
EXAMINER		ART UNIT	CLASS-SUBCLASS		
CHOWDHURY, TARIFUR RASHID		2871	349-042000	01 FC:1501 1400.00 DP 02 FC:1504 300.00 DP 03 FC:8001 30.00 DP	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 McGuireWoods LLP  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung Electronics Co., Ltd.

Suwon, The Republic of Korea

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10

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- ☒ A check in the amount of the fee(s) is enclosed.  
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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 23-1951 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Richard T. Schachner Reg. No. 48,342, FOR

Date 03 May 2005

Typed or printed name Hae-Chan Park

Registration No. 50,114

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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**TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)**  
**(37 C.F.R. 1.311)**

Docket No.  
6192.0356.C3

Applicant(s): Soo-Guy RHO, et al.

Application No. 10/676,667	Filing Date 01 October 2003	Examiner Tarifur CHOWDHURY	Customer No. 23345	Group Art Unit 2871	Confirmation No. 8980
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Invention: **LIQUID CRYSTAL DISPLAYS AND LIQUID CRYSTAL DISPLAY SUBSTRATES USING AN ORGANIC INSULATING MATERIAL**

**Mail Stop Issue Fee**  
**COMMISSIONER FOR PATENTS**  
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Transmitted herewith are the following for the above-identified application.

- ☒ Issue Fee Transmittal Form PTOL-85
- ☒ Utility Fee: \$ 1400.00    ☐ Design Fee: \_\_\_\_\_    ☐ Plant Fee: \_\_\_\_\_
- ☒ Publication Fee: \$ 300.00
- ☒ A check in the amount of \$1,730.00 is attached.
- ☒ The Director is hereby authorized to charge and credit Deposit Account No. 23-1951 as described below.
- ☐ Charge the amount of
- ☒ Credit any overpayment.
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*Richard J. Schachner, Reg. No. 48,342 FOR*  
Signature

Dated: 03 May 2005

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